

PTO/SB/08a (08-03)

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Substitute for form 1448A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/801,660
		Filing Date	March 17, 2004
		First Named Inventor	HUSAIN
		Art Unit	1744
		Examiner Name	Not yet assigned
Sheet 1 of 1	Attorney Docket Number	4320-540	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CTB		US-6,669,550	10-30-2001	Nelson et al.	
		US-6,662,759	07-16-2003	Rabie et al.	
		US-6,945,003	09-30-2000	Lesko et al.	
		US-6,364,444	03-12-2002	Mahendran et al.	
		US-6,361,895	09-26-2002	Husain et al.	
		US-6,665,492	02-09-2004	Mahendran et al.	
		US-2004-116782	06-17-2004	Paterak	
CTB		US-6,661,686	12-14-2003	Cramer	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
CTB		CA 2,402,045	02-12-1997	MG-Generon Inc.		
		CA 2,402,466	07-04-1994	Belgard Inc.		
		CA 2,100,003	02-14-1994	Desalination Systems Inc.		
		CA 2,366,346	08-17-2000	Koch Membrane Systems Inc.		
		CA 2,065,859	06-20-1990	The Dow Chemical Company		
		CA 1,089,570	03-03-1981	Mitsubishi Rayon Co.		
CTB		CA 2,500,719	09-16-2001	Zenon Environmental Inc.		

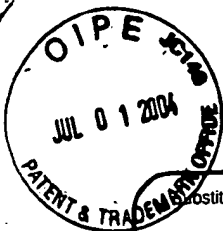
Examiner Signature	CHESTER T. BARRY PRIMARY EXAMINER	Date Considered	12/27/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

3

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U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
CTB		US- 4,126,544	11-21-1978	Baensch et al.	
		US- 4,181,604	01-01-1980	Onishi et al.	
		US- 4,416,993	11-22-1983	McKeown	
		US- 4,746,435	05-24-1988	Onishi et al.	
		US- 4,883,594	11-28-1989	Sekoulov et al	
		US- 5,034,164	07-31-1991	Semmens	
		US- 5,116,506	05-26-1992	Williamson et al.	
		US- 5,126,050	06-30-1992	Irvine et al.	
		US- 5,149,649	09-22-1992	Miyamori et al.	
		US- 6,013,511	01-11-2000	Diels et al.	
		US- 6,183,643	02-06-2001	Goodley	
		US- 6,531,062	03-11-2003	Whitehill	
		US- 6,558,549	05-06-2003	Cote et al.	
		US- 2003/0104192	06-05-2003	Hester et al.	
		US- 6,387,262	05-14-2002	Rittmann et al.	
		US- 5,238,562	08-24-1993	Rogut	
		US- 5,716,689	02-10-1998	Rogut	
		US- 6,241,867	06-05-2001	Mir	
		US- 4,664,681	05-12-1987	Anazawa et al.	
		US- 2,458,163	01-04-1949	Hays	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
CTB		DE 3544382	06-05-1987	Sekoulov et al.		
		DE 4440464	06-19-1996	Dietzmann et al.		
		English language abstract of JP 54-21057				
		JP 54-21057	02-16-1979	Doriko		
		WO87/03615	06-18-1987	Sekoulov et al.		
CTB		EP 0 049 954	04-21-1982	Mitsubishi Rayon Co. Ltd.		

Examiner
Signature**CHESTERT T. BARRY**

PRIMARY EXAMINER

Date
Considered

12/27/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/801,660
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				First Named Inventor	HUSAIN
				Art Unit	1744
				Examiner Name	Not yet assigned
				Attorney Docket Number	4320-540
Sheet	2	of	3		

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Examiner Signature	CHESTERT BARRY	Date Considered	12/27/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 3

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Application Number	10/801,660
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Art Unit	1744
Examiner Name	Not yet assigned
Attorney Docket Number	4320-540

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CTB		DR. MICHAEL J. SEMMENS and DENISE HANUS, "Studies of a Membrane Aerated Bioreactor for Wastewater Treatment", Cranfield University, June 1999.	
		BRINDLE et al., "Nitrification and Oxygen Utilisation in a Membrane Aeration Bioreactor, Journal of Membrane Science, 1998	
		COTE et al., "Bubble-free Aeration Using Membranes: Process Analysis", Journal Water Pollution Control Federation, November 1998	
		COTE et al., "Bubble-free Aeration Using Membranes: Mass Transfer Analysis", Journal of Membrane Science, 1989.	
		YEH, SHOW-JONG and CHARLES R. JENKINS, "Pure Oxygen Fixed Film Reactor", Journal of the Environmental Engineering Division, August 1978, pp 611-623	
		WOOLARD, C.R., "The Advantages of Periodically Operated Biofilm Reactors for the Treatment of Highly Variable Wastewater", Wat. Sci. Tech. Vol. 35, No 1. pp. 199-206, 1997.	
		TWAROWSKA-SCHMIDT, KRYSZYNA and ANDRZEJ WLOCHOWICZ, "Melt-spun Asymmetric Poly(4-methyl-1-pentene) Hollow Fibre Membranes", Journal of Membrane Science 137 (1997) 55-61.	
		YAMAGIWA et al., "Simultaneous Organic Carbon Removal and Nitrification by Biofilm Formed on Oxygen Enrichment Membrane", Journal of Chemical Engineering of Japan, 27(1994) October 638-643	
CTB		CASEY et al., "Review of Membrane Aerated Biofilm Reactors", Resources, Conservation and Recycling 27 (1999) 203-215	

Examiner
Signature

CHESTER T. BARRY

PRIMARY EXAMINER

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